

ABSTRACT

Sensor(s) may be such that light-projecting component(s) and light-receiving component(s) are arranged therein. Furthermore, such sensor(s) may be provided with optical path varying means for varying projected light optical path(s) and/or received light optical path(s) so as to physically vary overlapping zone(s) in which the projected light optical path(s) and the received light optical path(s) at least partially overlap. The optical path varying means may carry out adjustment of optical sensitivity by increasing the extent(s) of the overlapping zone(s) when carrying out detection with respect to zone(s) distant from such sensor(s) and/or decreasing the extent(s) of the overlapping zone(s) when carrying out detection with respect to zone(s) proximate to such sensor(s).